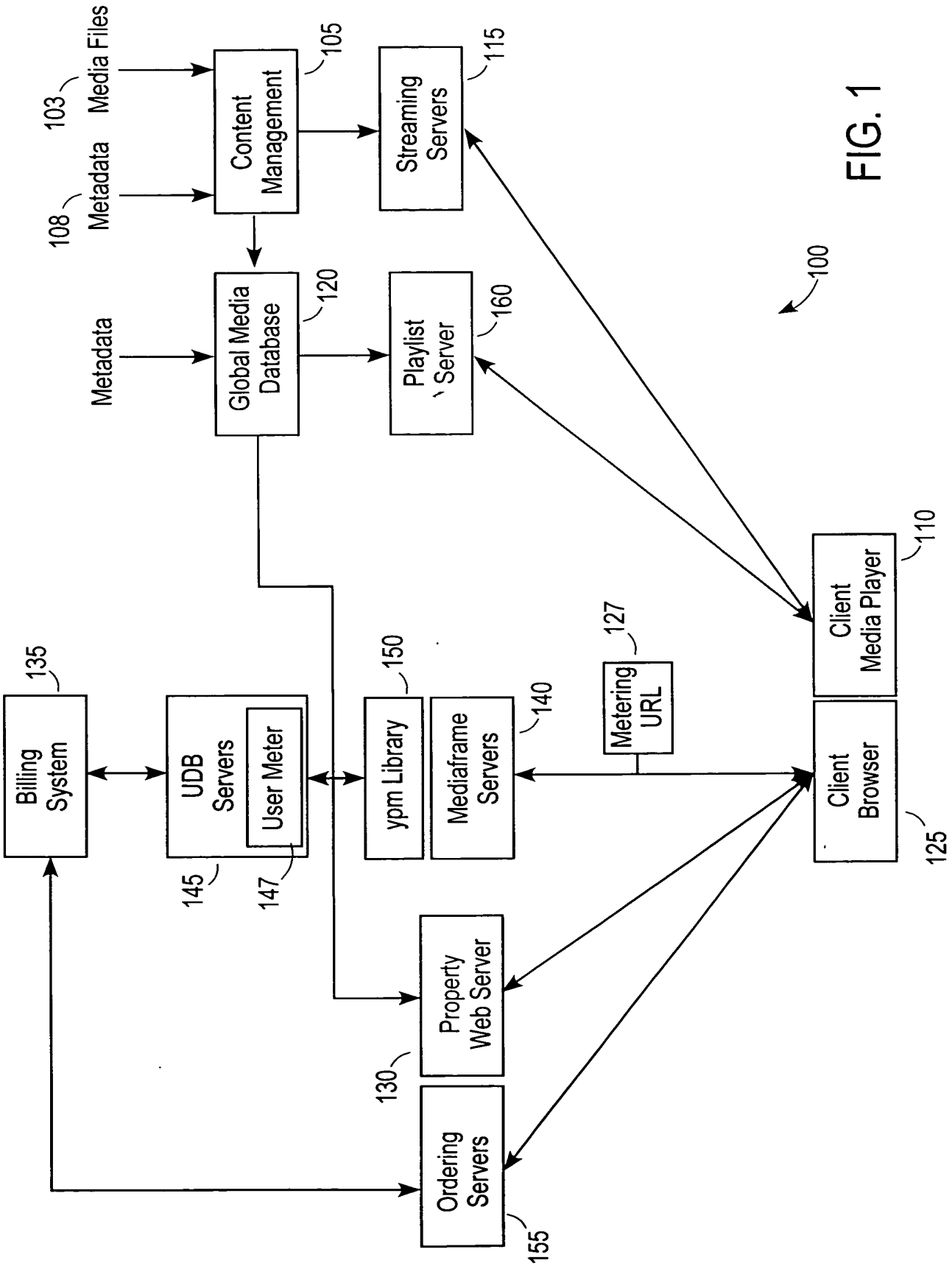
103
Media Files
108
Metadata
Content Management
105
Streaming Servers
115
Metadata
Global Media Database
120
Playlist Server
160
100
Billing System
135
UDB Servers
User Meter
145
147
ypm Library
150
Mediaframe Servers
140
Metering URL
127
Client Media Player
110
Client Browser
125
Property Web Server
130
Ordering Servers
155

FIG. 1

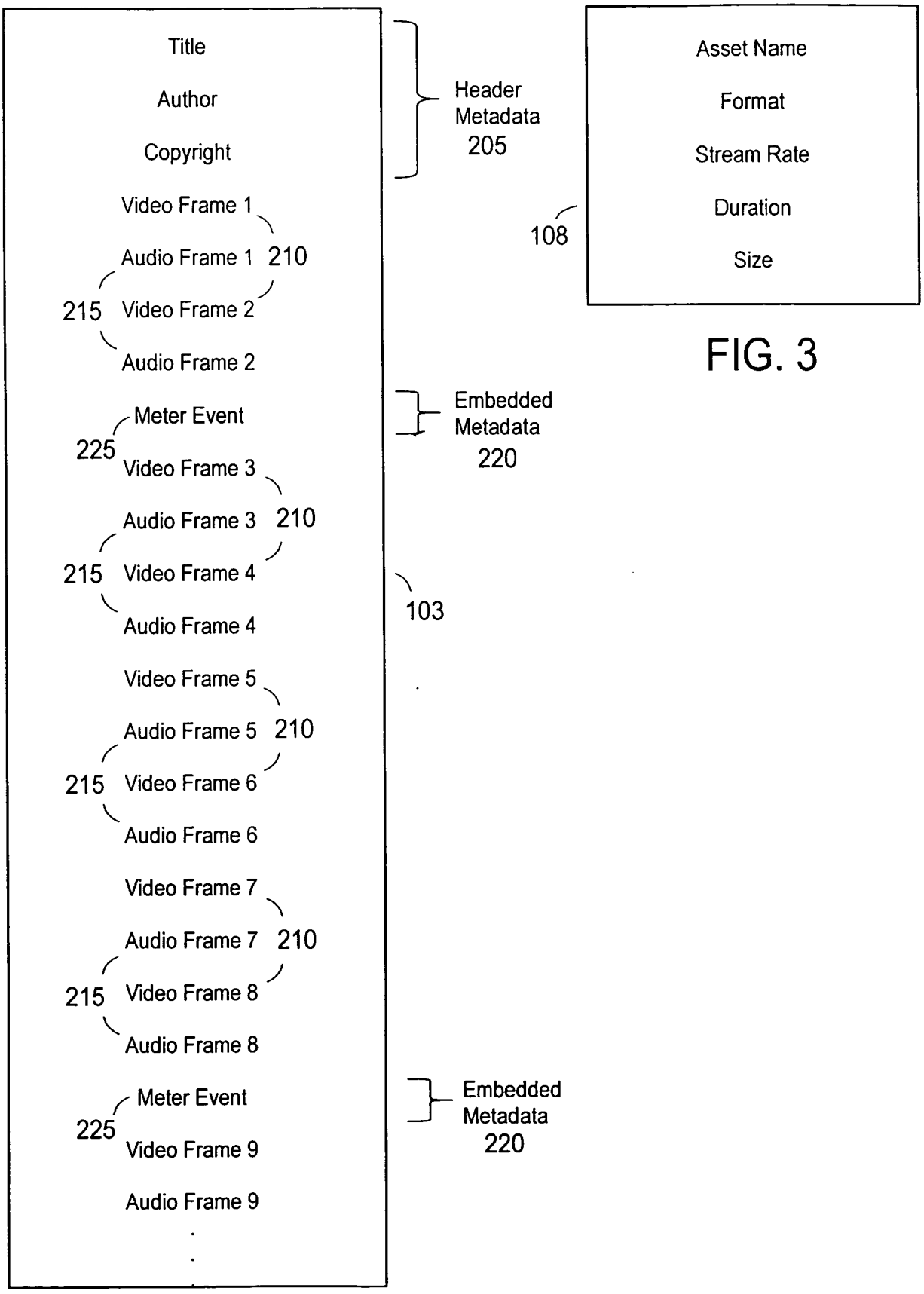
Title
Author
Copyright
Header Metadata 205
Video Frame 1
Audio Frame 1
210
215
Video Frame 2
Audio Frame 2
Meter Event
225
Embedded Metadata 220
Video Frame 3
Audio Frame 3
210
215
Video Frame 4
Audio Frame 4
103
Video Frame 5
Audio Frame 5
210
215
Video Frame 6
Audio Frame 6
Video Frame 7
Audio Frame 7
210
215
Video Frame 8
Audio Frame 8
Meter Event
225
Embedded Metadata 220
Video Frame 9
Audio Frame 9
Asset Name
Format
Stream Rate
Duration
Size
108

FIG. 3

FIG. 2

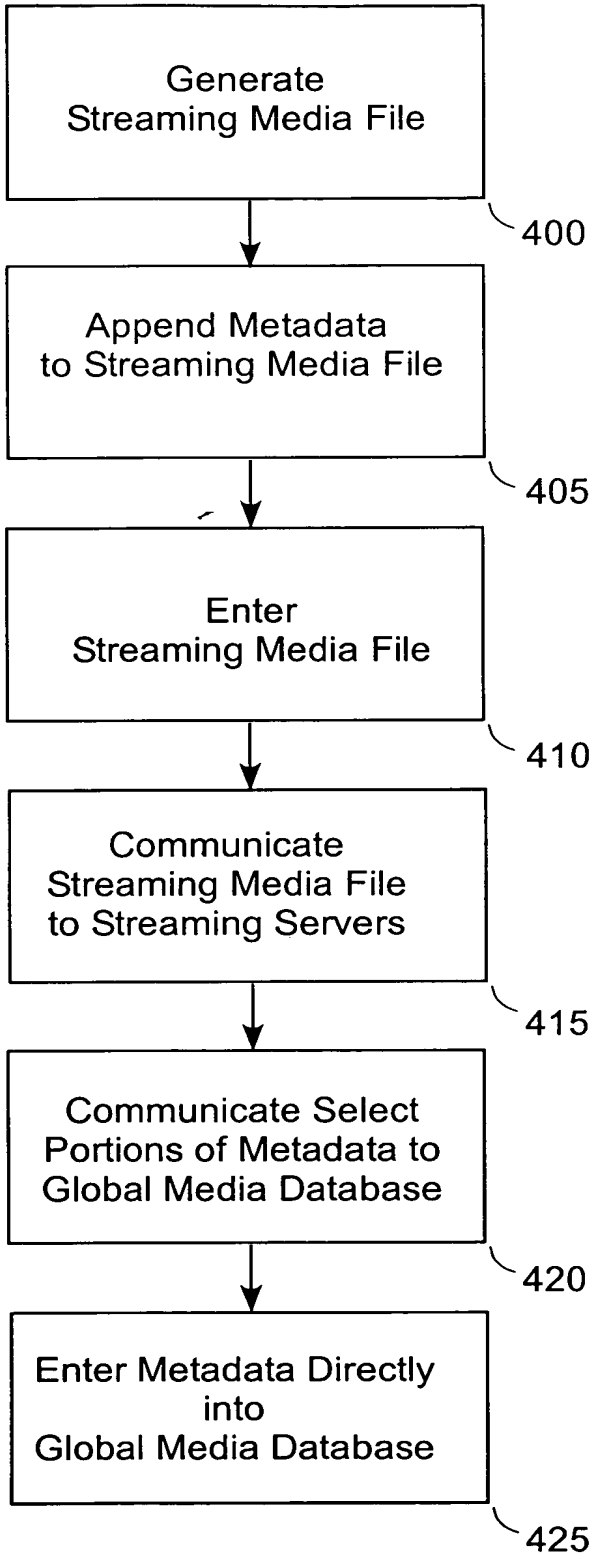
Generate Streaming Media File
400
Append Metadata to Streaming Media File
405
Enter Streaming Media File
410
Communicate Streaming Media File to Streaming Servers
415
Communicate Select Portions of Metadata to Global Media Database
420
Enter Metadata Directly into Global Media Database
425

FIG. 4

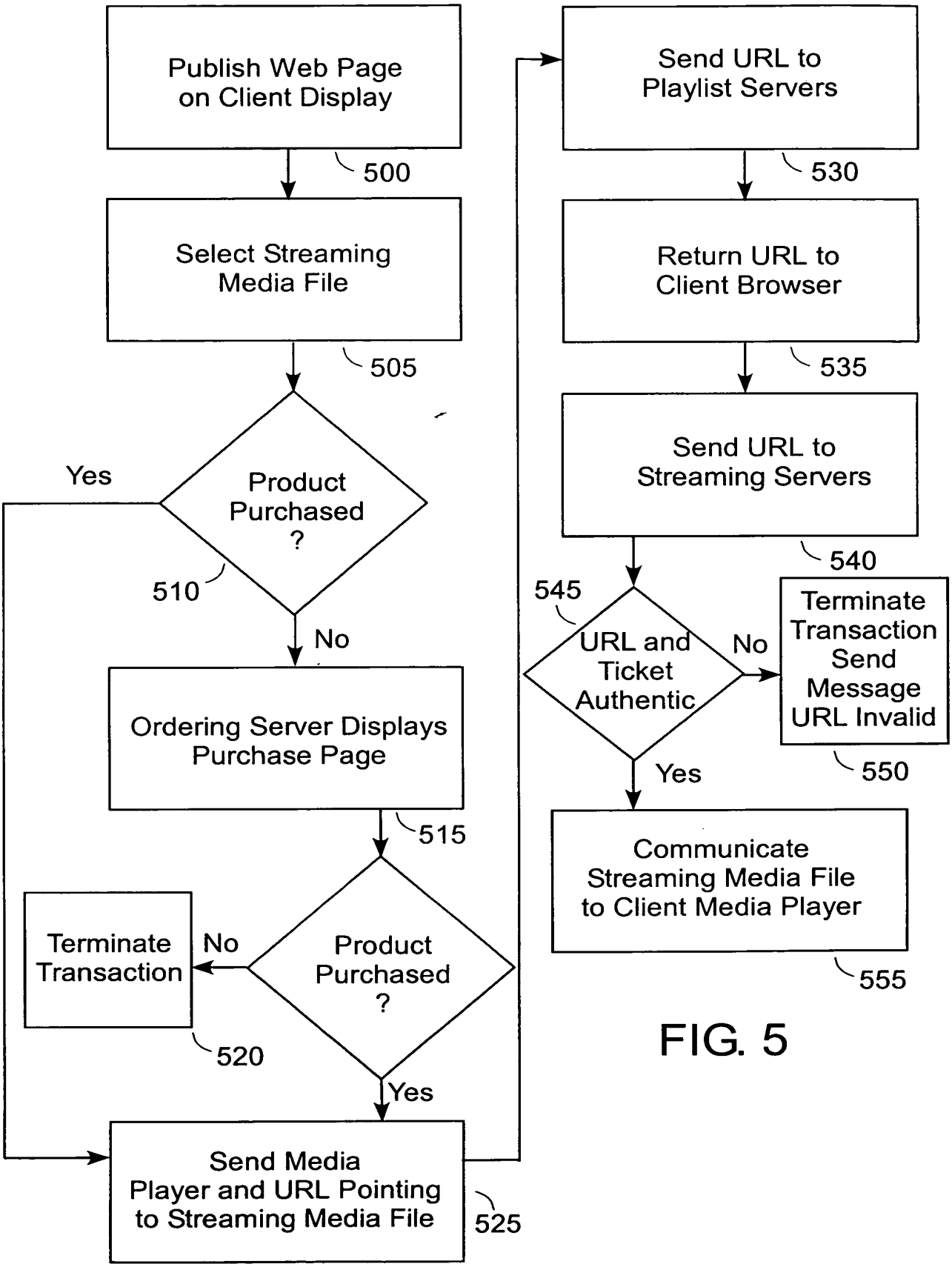
Publish Web Page on Client Display
500
Select Streaming Media File
505
Product Purchased ?
510
Yes
No
Ordering Server Displays Purchase Page
515
Product Purchased ?
Terminate Transaction
No
520
Yes
Send Media Player and URL Pointing to Streaming Media File
525
Send URL to Playlist Servers
530
Return URL to Client Browser
535
Send URL to Streaming Servers
540
545
URL and Ticket Authentic
No
Terminate Transaction Send Message URL Invalid
550
Yes
Communicate Streaming Media File to Client Media Player
555

FIG. 5

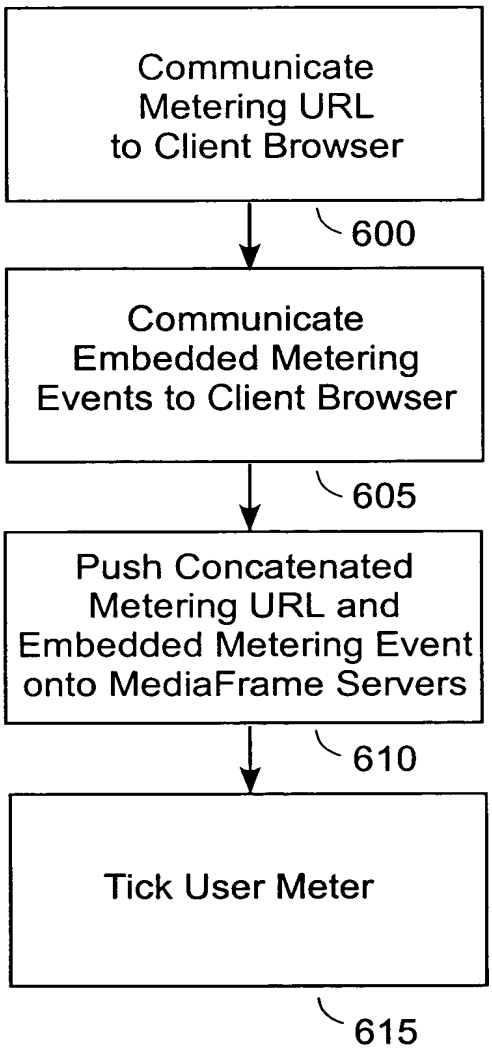
Communicate Metering URL to Client Browser
600
Communicate Embedded Metering Events to Client Browser
605
Push Concatenated Metering URL and Embedded Metering Event onto MediaFrame Servers
610
Tick User Meter
615

FIG. 6

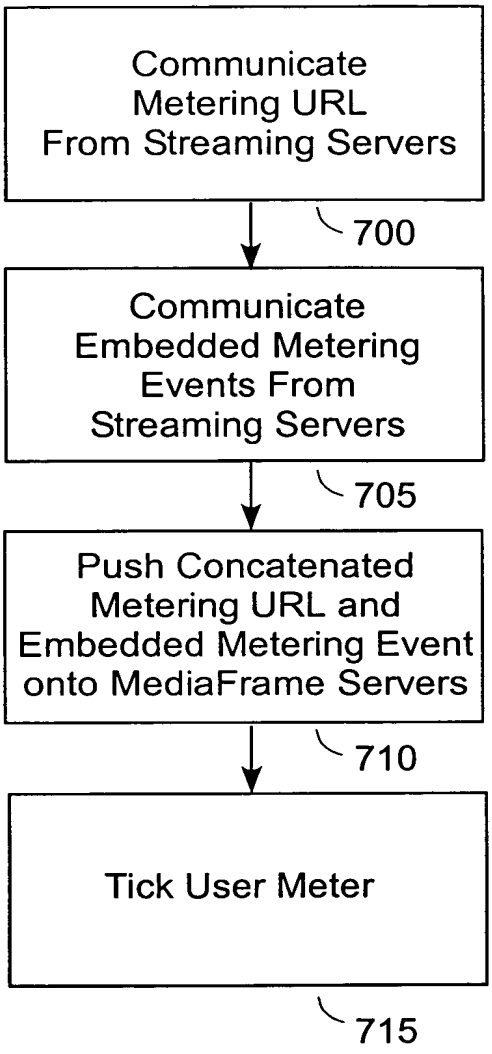
Communicate Metering URL From Streaming Servers
700
Communicate Embedded Metering Events From Streaming Servers
705
Push Concatenated Metering URL and Embedded Metering Event onto MediaFrame Servers
710
Tick User Meter
715

FIG. 7

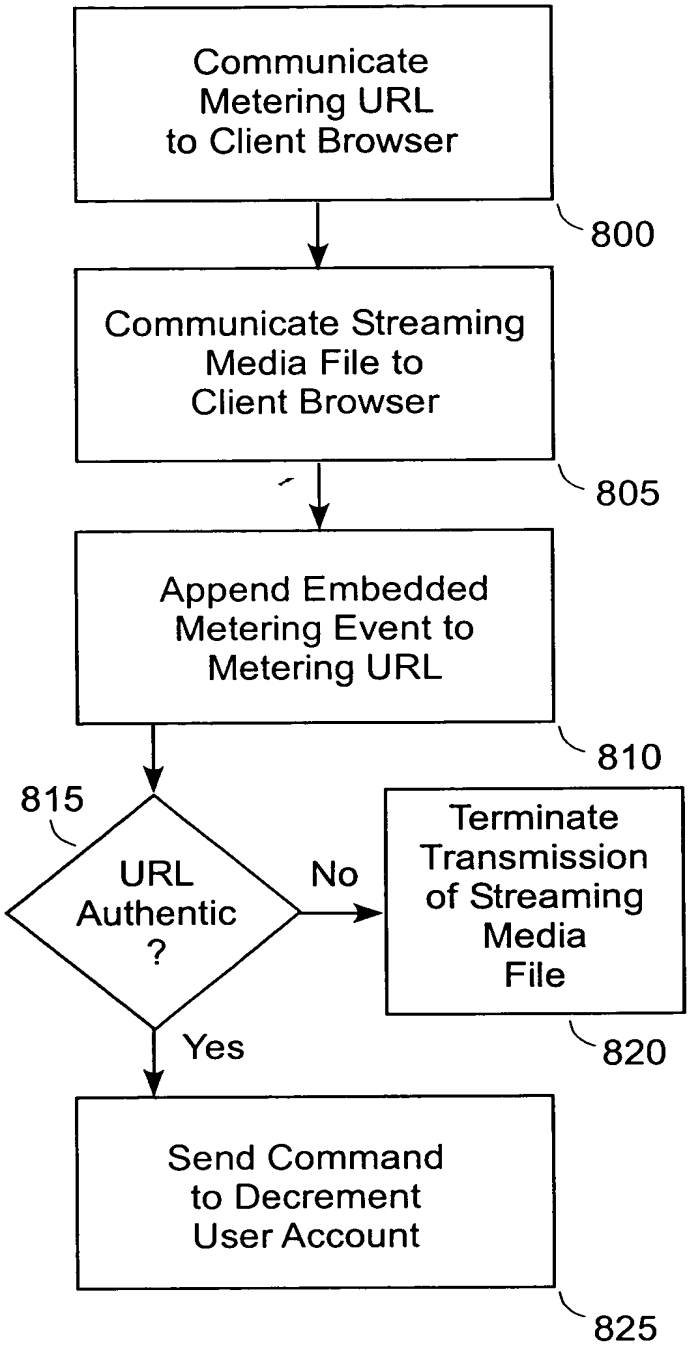
Communicate Metering URL to Client Browser
800
Communicate Streaming Media File to Client Browser
805
Append Embedded Metering Event to Metering URL
810
815
URL Authentic ?
No
Terminate Transmission of Streaming Media File
820
Yes
Send Command to Decrement User Account
825

FIG. 8